

**From:** [Schmidt, Christian](#)  
**To:** [Lisa Kusnierz](#)  
**Subject:** FW: Bear Canyon 2011 Water Quality Monitoring Report  
**Date:** 12/29/2011 03:27 PM  
**Attachments:** [BearCanyon2011WaterQualityMtgRpt.docx](#)

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This should be of interest to you for Bear Creek.

Do you have any data for phosphorus in the soils in Bear Creek? I think the source is natural but everyone I have contacted (NRCS, USFS) can neither support or refute this.

Christian

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**From:** Story, Mark -FS [<mailto:mtstory@fs.fed.us>]  
**Sent:** Thursday, December 29, 2011 2:11 PM  
**To:** Schmidt, Christian  
**Subject:** Bear Canyon 2011 Water Quality Monitoring Report

Attached is a copy of the Bear Canyon water quality report in case you want to look through it. The results were fascinating as the sediment levels were extremely high due to the robust 2011 snowmelt runoff. However the 2 "hypothesis" that led me to sample Bear Creek in 2011 were supported in that sediment levels decreased through the trail relocation area (site 3 to 4) which was very different than in 2003 and the lower site (#8) had the highest sediment levels (due to fine textured erodible channel and agricultural use) below the Forest Boundary. The report totally nullifies the CBU contention that the Bear Canyon rehabilitation work had no measurable benefit to water quality. Use the report as you see fit.

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